Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
Data File : BG033122.D
Acq On : 13 Mar 2018 17:04
Operator : SJ/JU
Sample : J1873-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Mar 13 17:59:17 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	45218	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	192196	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	105452	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	236830	20.00	ng	0.00
75) Chrysene-d12	22.60	240	233859	20.00	ng	0.00
86) Perylene-d12	26.41	264	211905	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	424716	150.27	ng	0.00
7) Phenol-d6	8.01	99	517640	131.39	ng	0.00
23) Nitrobenzene-d5	10.11	82	382143	131.80	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	212506	191.66	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	803217	109.85	ng	0.00
78) Terphenyl-d14	20.77	244	1210575	116.30	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	9.25	79	6448	2.226	ng	# 40
19) n-Nitroso-di-n-propylamine	10.11	70	50398	18.121	ng	# 85
24) Nitrobenzene	10.11	77	1100	6.692	ng	# 34
47) 2-Nitroaniline	14.15	65	1603	10.570	ng	# 5
50) 2,6-Dinitrotoluene	15.52	165	13716	16.437	ng	# 20
55) 4-Nitrophenol	15.91	139	130	7.161	ng	# 1
56) 2,4-Dinitrotoluene	15.52	165	13716	14.636	ng	# 18
61) 4-Nitroaniline	17.00	138	59	5.327	ng	# 1
64) 4,6-Dinitro-2-methylphenol	16.99	198	490	5.827	ng	# 1
66) 4-Bromophenyl-phenylether	16.99	248	14547	5.809	ng	# 1
76) Benzidine	20.77	184	21042	2.640	ng	# 91

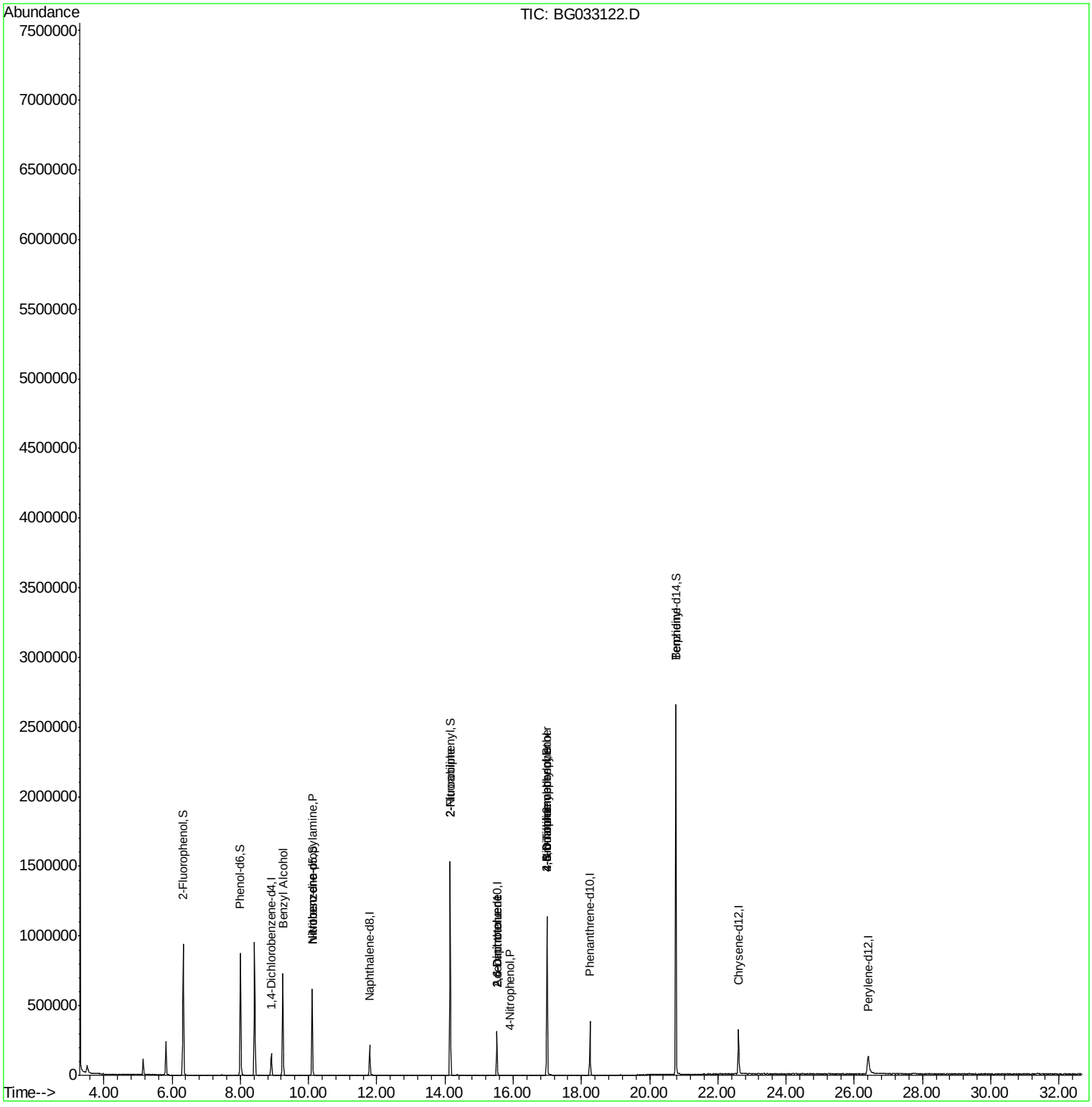
(#) = qualifier out of range (m) = manual integration (+) = signals summed

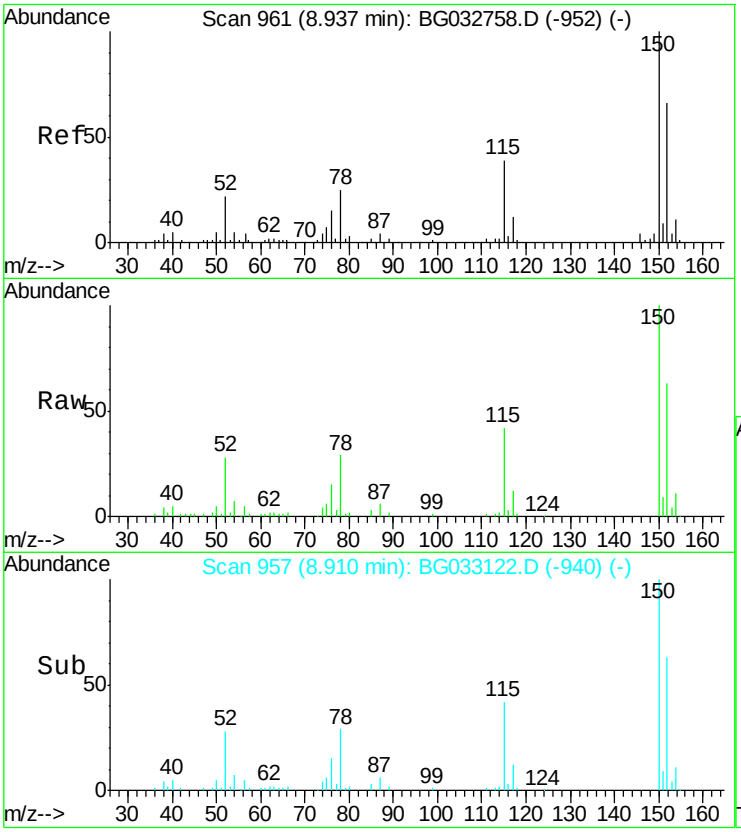
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
Data File : BG033122.D
Acq On : 13 Mar 2018 17:04
Operator : SJ/JU
Sample : J1873-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 13 17:59:17 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration



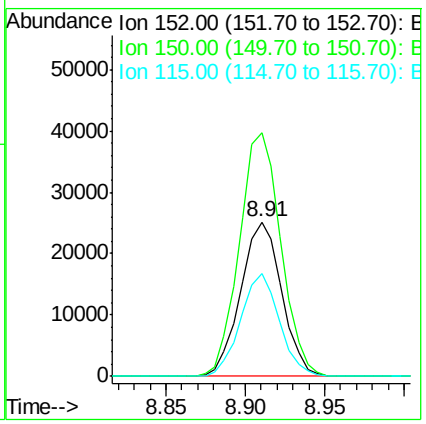


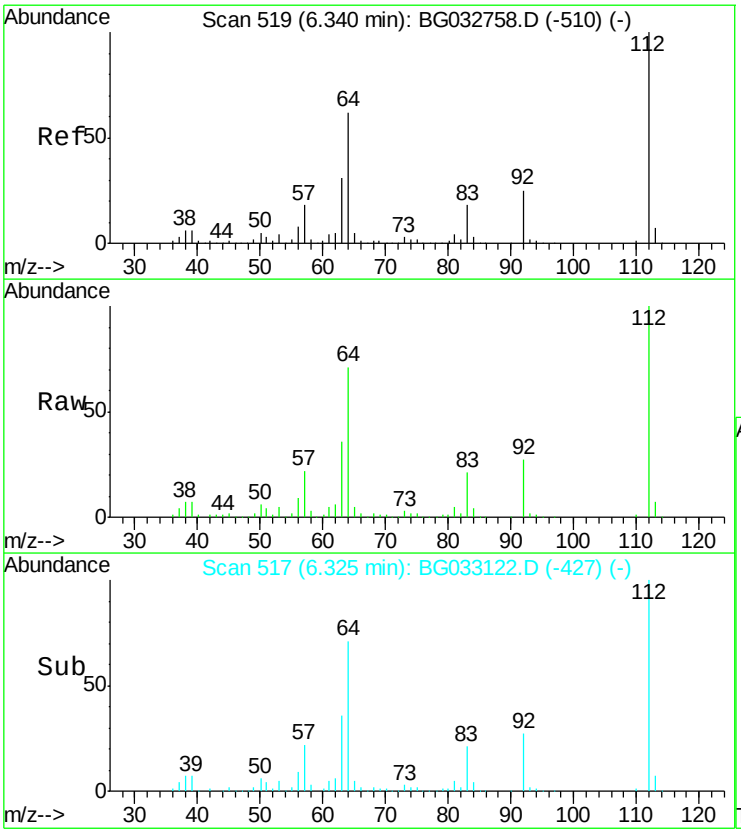
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG033122.D
Acq: 13 Mar 2018 17:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 45218

Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.6	189.8
115	66.6	53.0	79.4

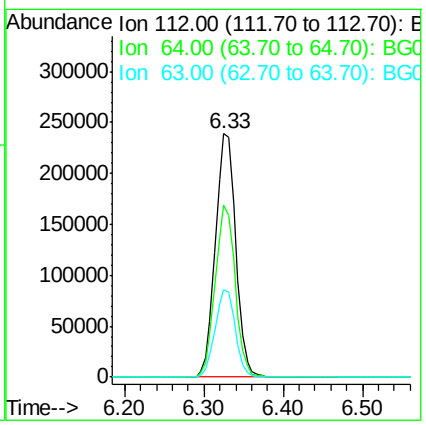


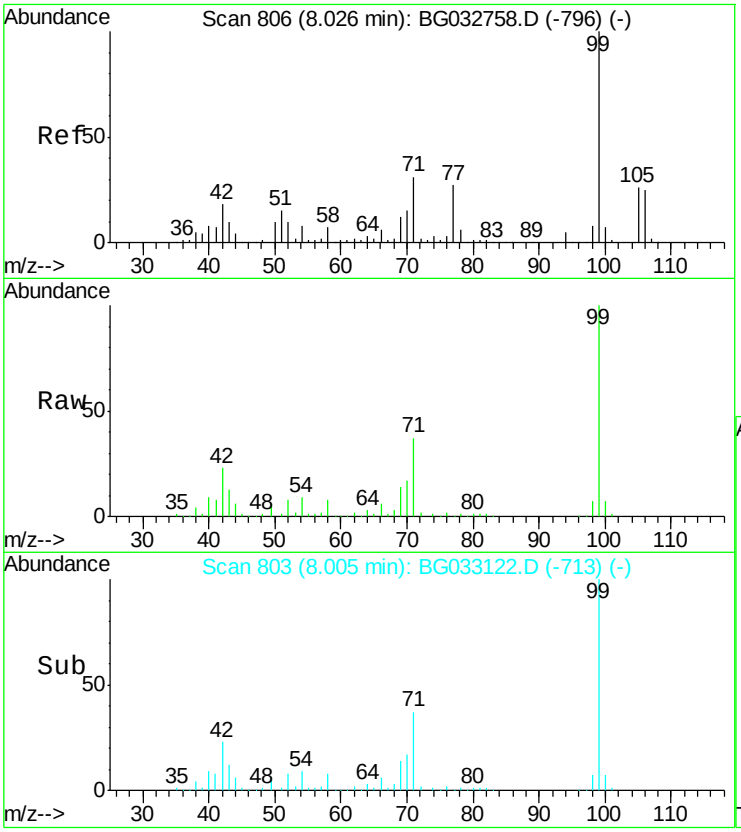


#5
2-Fluorophenol
Concen: 150.268 ng
RT: 6.33 min Scan# 517
Delta R.T. 0.00 min
Lab File: BG033122.D
Acq: 13 Mar 2018 17:04

Tgt Ion:112 Resp: 424716

Ion	Ratio	Lower	Upper
112	100		
64	70.5	56.3	84.5
63	36.1	30.1	45.1



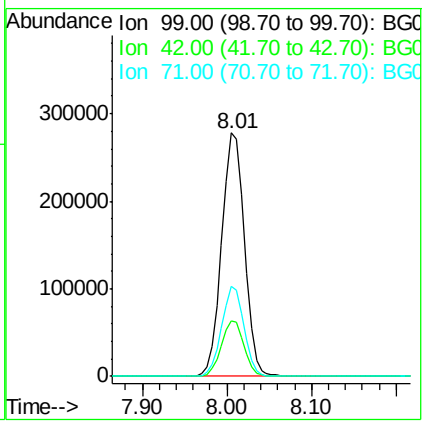


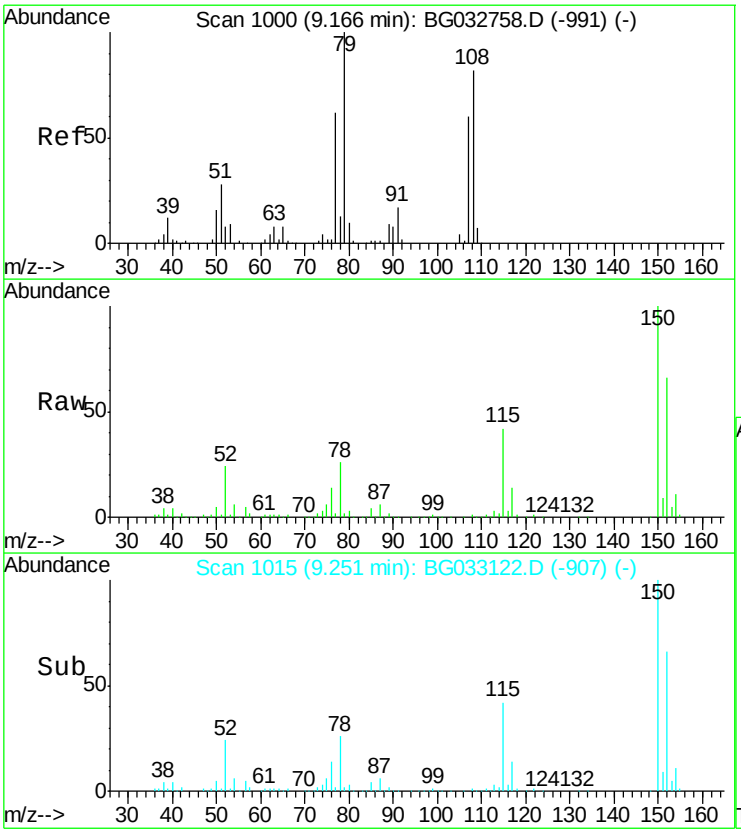
#7
Phenol-d6
Concen: 131.395 ng
RT: 8.01 min Scan# 803
Delta R.T. 0.00 min
Lab File: BG033122.D
Acq: 13 Mar 2018 17:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 517640

Ion	Ratio	Lower	Upper
99	100		
42	23.0	14.1	21.1#
71	36.9	26.1	39.1

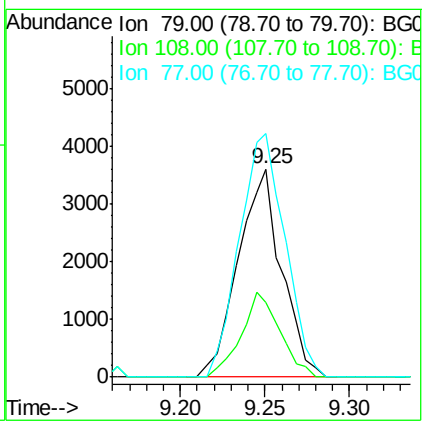


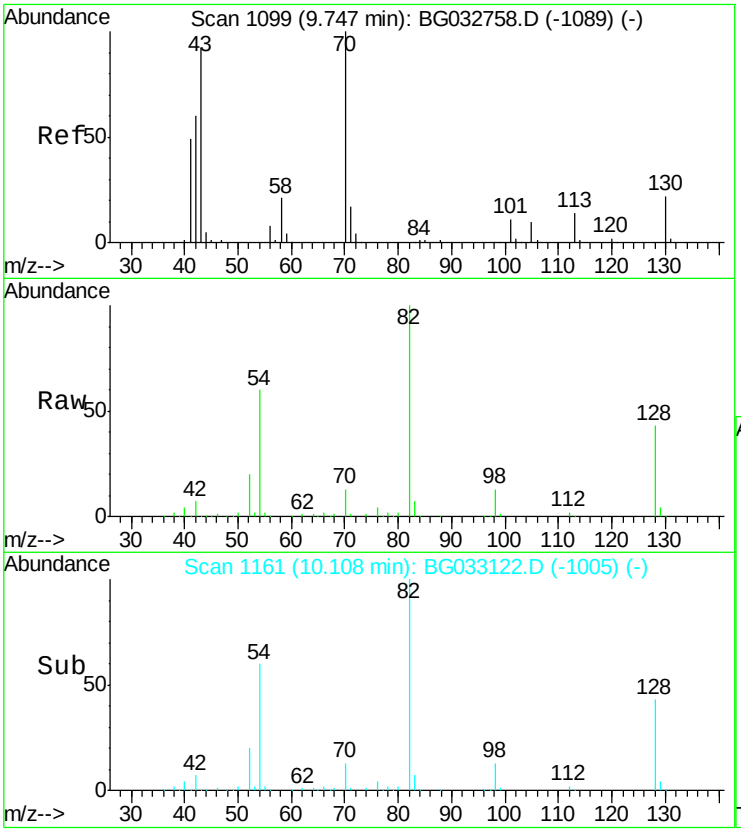


#15
Benzyl Alcohol
Concen: 2.226 ng
RT: 9.25 min Scan# 1015
Delta R.T. 0.11 min
Lab File: BG033122.D
Acq: 13 Mar 2018 17:04

Tgt Ion: 79 Resp: 6448

Ion	Ratio	Lower	Upper
79	100		
108	35.7	57.2	85.8#
77	117.0	46.1	69.1#



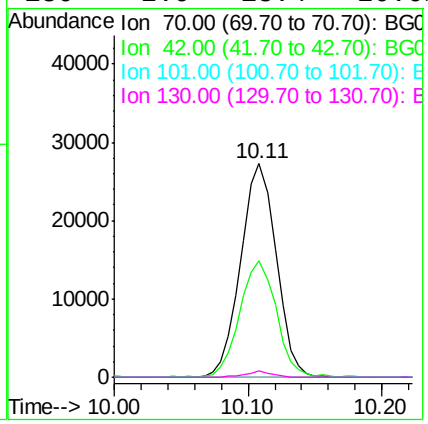


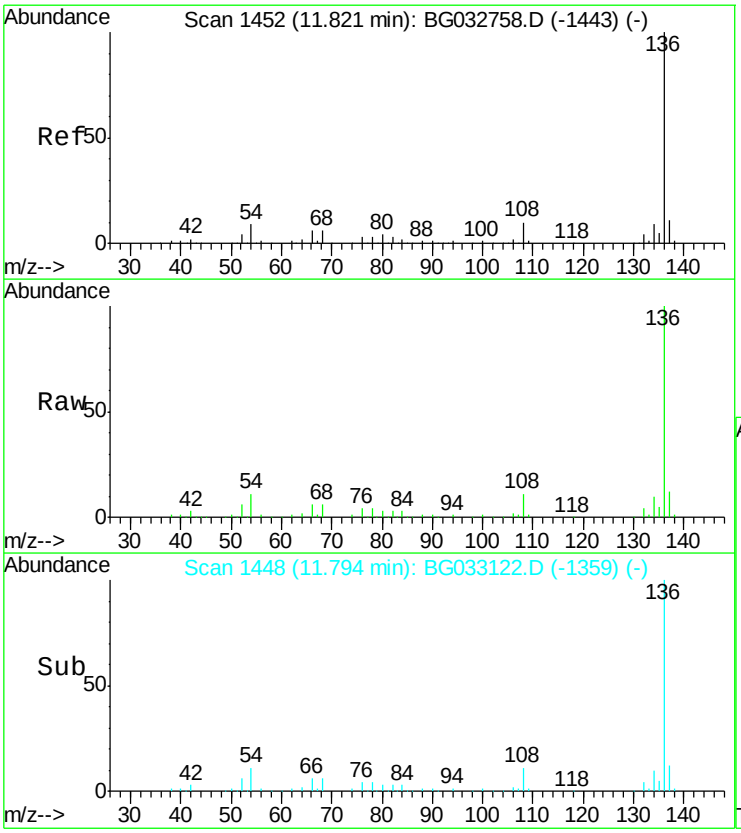
#19
n-Nitroso-di-n-propylamine
Concen: 18.121 ng
RT: 10.11 min Scan# 1161
Delta R.T. 0.39 min
Lab File: BG033122.D
Acq: 13 Mar 2018 17:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 50398

Ion	Ratio	Lower	Upper
70	100		
42	54.7	49.1	73.7
101	0.0	8.5	12.7#
130	2.9	13.4	20.0#

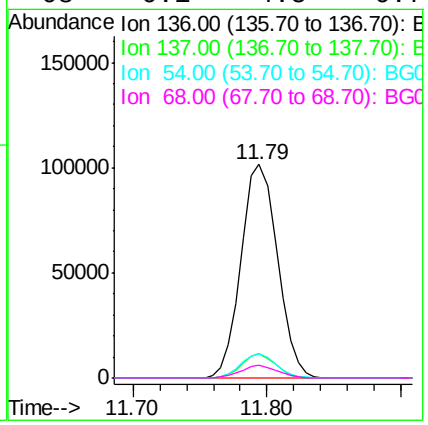


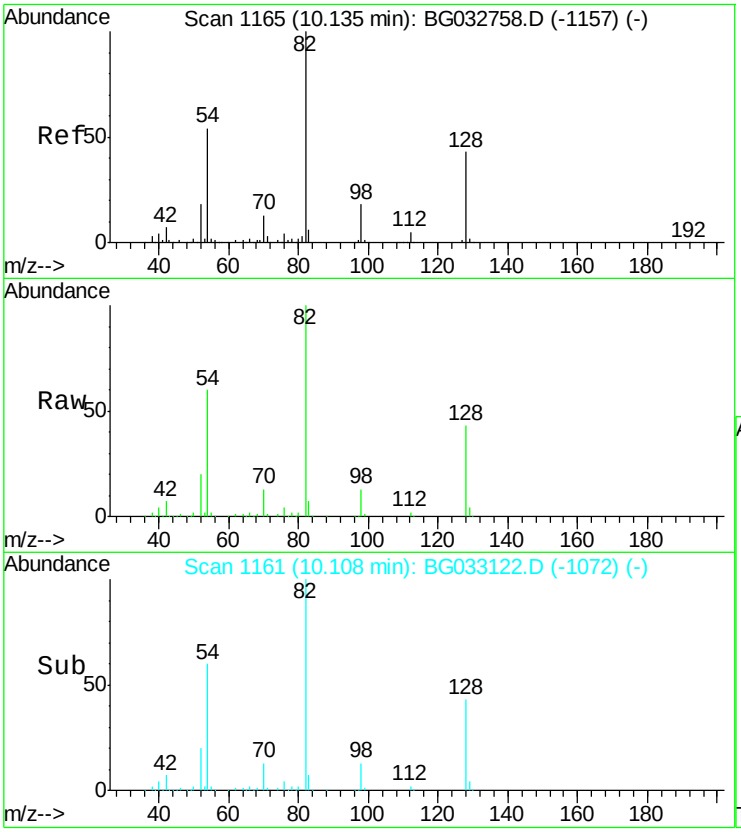


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.79 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BG033122.D
Acq: 13 Mar 2018 17:04

Tgt Ion:136 Resp: 192196

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	11.2	10.3	15.5
68	6.1	4.5	6.7



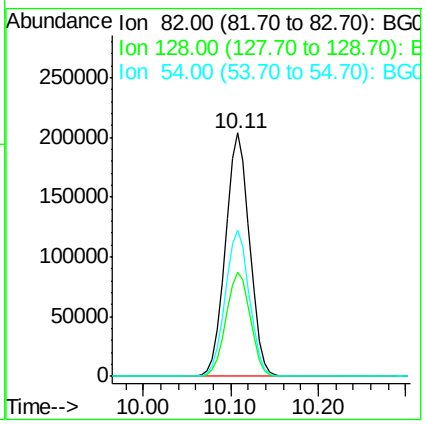


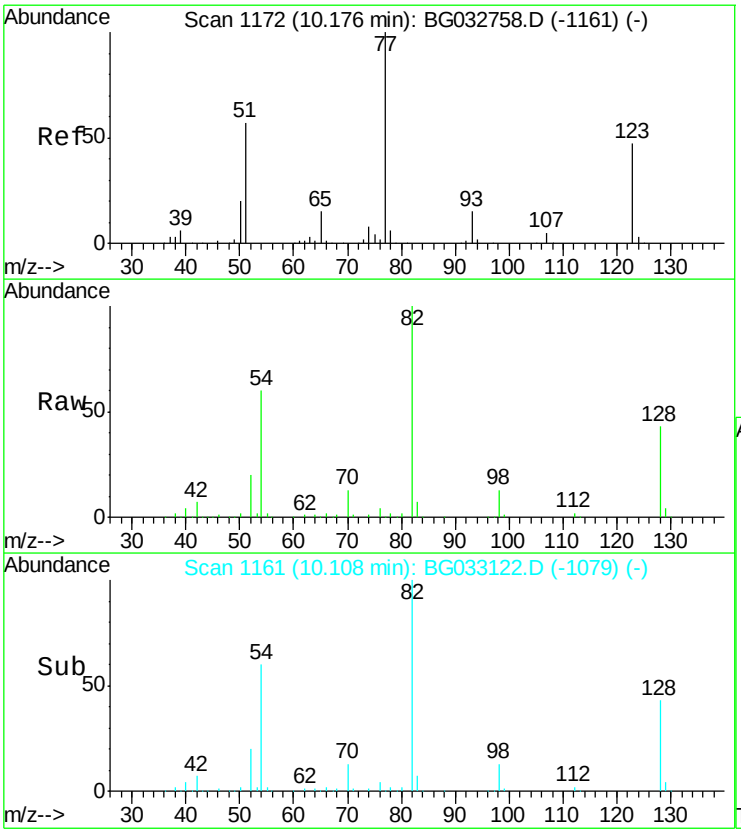
#23
Nitrobenzene-d5
Concen: 131.800 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG033122.D
Acq: 13 Mar 2018 17:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 382143

Ion	Ratio	Lower	Upper
82	100		
128	42.8	29.7	44.5
54	60.2	43.1	64.7

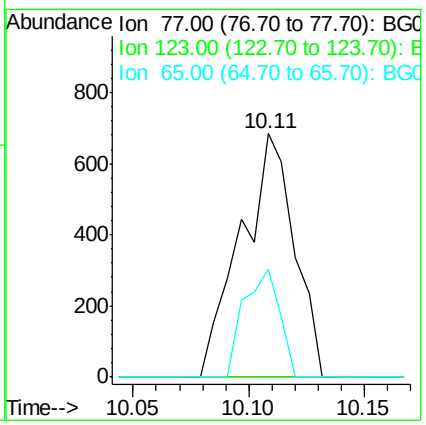


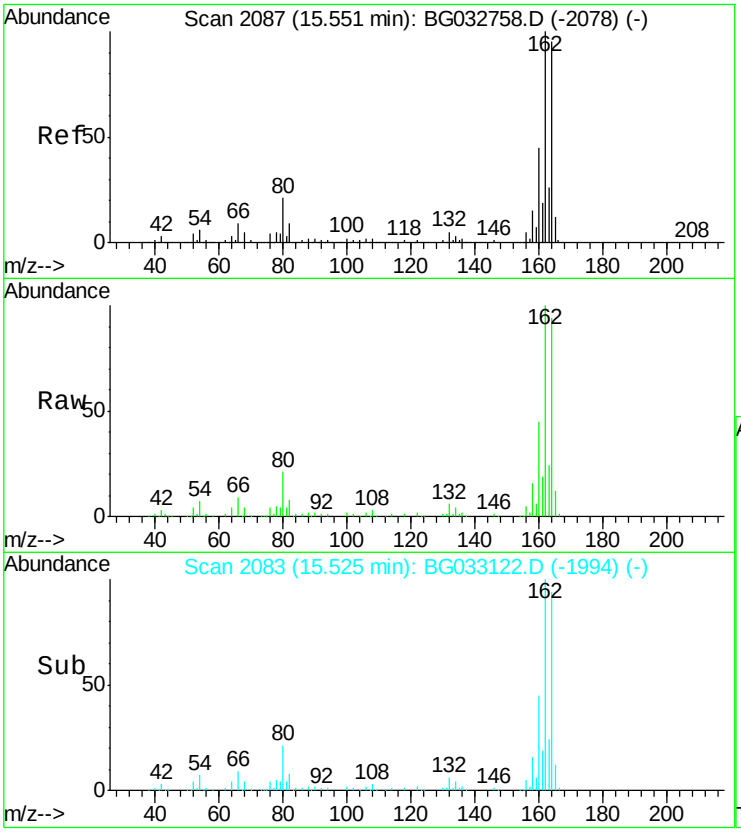


#24
Nitrobenzene
Concen: 6.692 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.05 min
Lab File: BG033122.D
Acq: 13 Mar 2018 17:04

Tgt Ion: 77 Resp: 1100

Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	44.2	13.0	19.6#



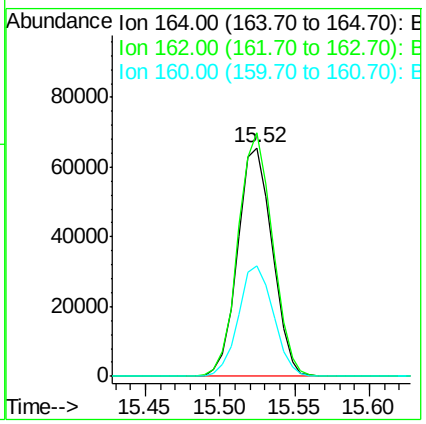


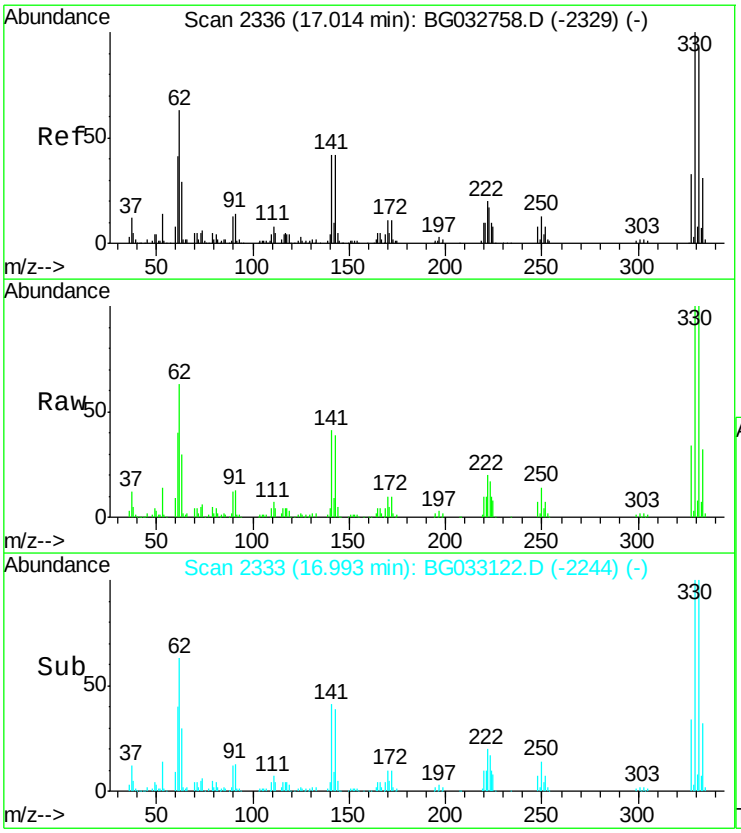
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG033122.D
Acq: 13 Mar 2018 17:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 105452

Ion	Ratio	Lower	Upper
164	100		
162	106.5	78.8	118.2
160	48.4	35.4	53.0

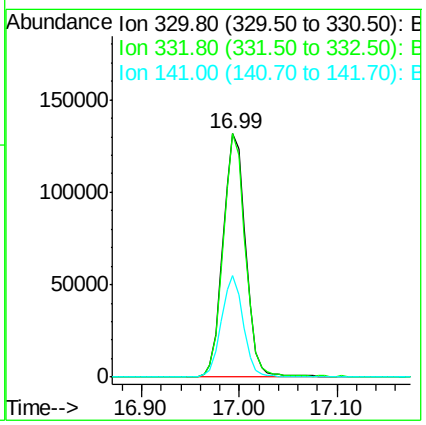


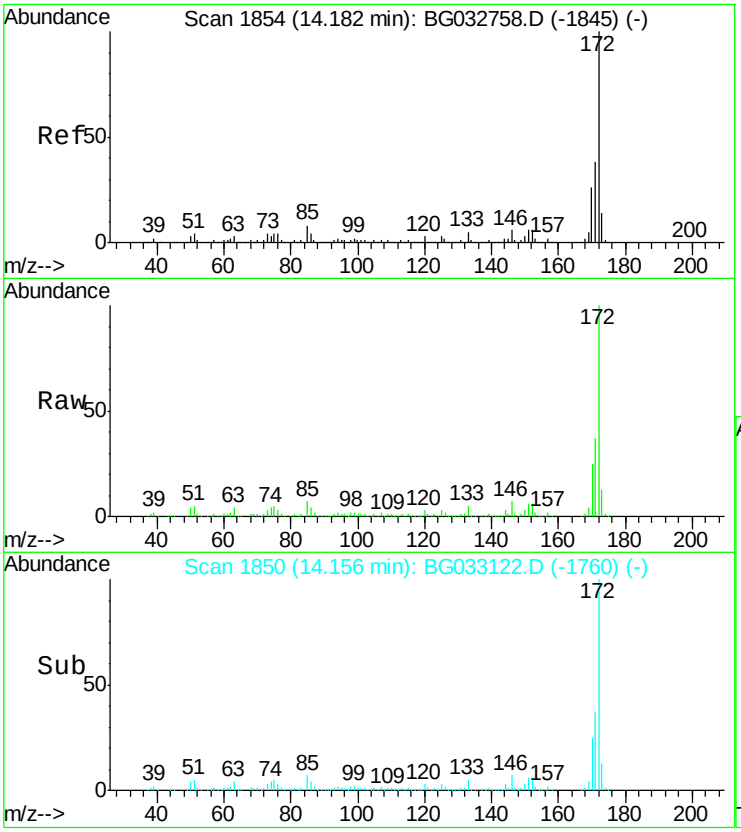


#41
2,4,6-Tribromophenol
Concen: 191.656 ng
RT: 16.99 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BG033122.D
Acq: 13 Mar 2018 17:04

Tgt Ion:330 Resp: 212506

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	40.4	25.2	37.8#



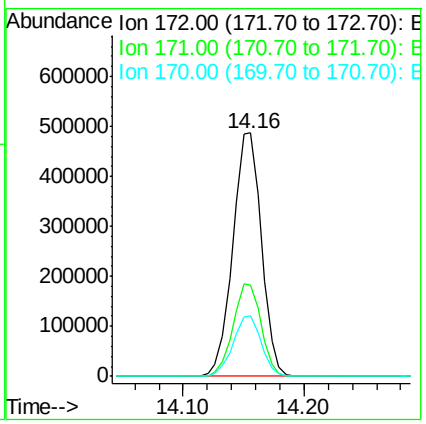


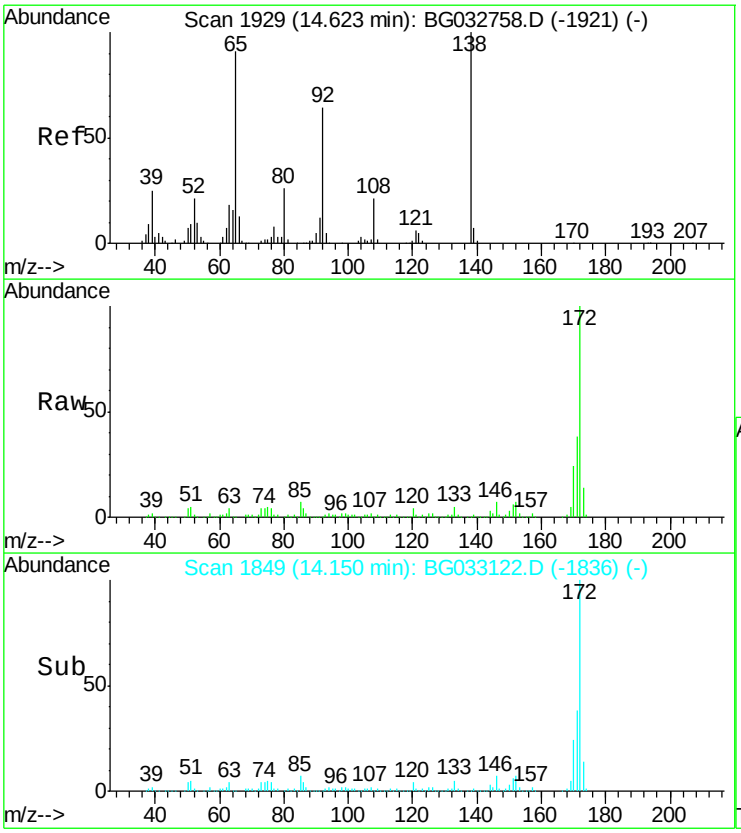
#44
2-Fluorobiphenyl
Concen: 109.855 ng
RT: 14.16 min Scan# 1850
Delta R.T. 0.00 min
Lab File: BG033122.D
Acq: 13 Mar 2018 17:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 803217

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	24.7	19.5	29.3

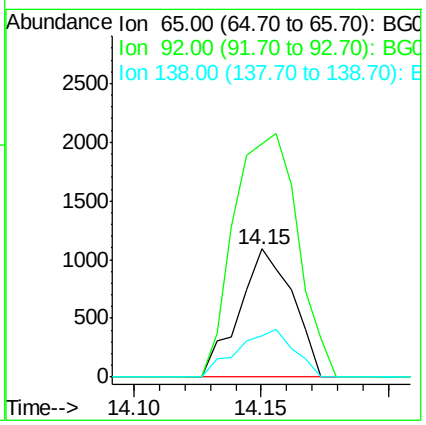


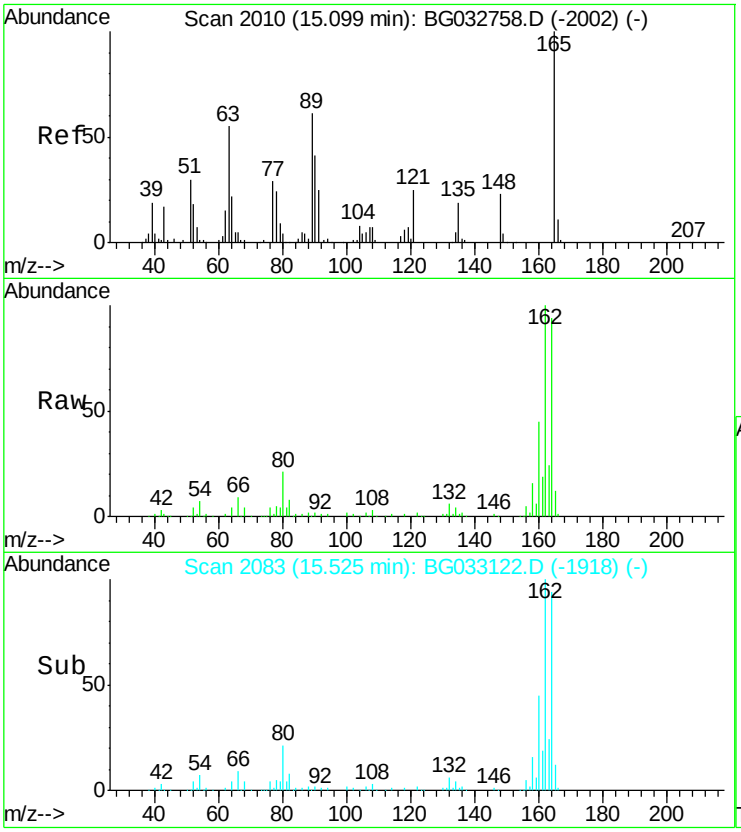


#47
2-Nitroaniline
Concen: 10.570 ng
RT: 14.15 min Scan# 1849
Delta R.T. -0.45 min
Lab File: BG033122.D
Acq: 13 Mar 2018 17:04

Tgt Ion: 65 Resp: 1603

Ion	Ratio	Lower	Upper
65	100		
92	181.8	54.6	82.0#
138	32.7	72.9	109.3#



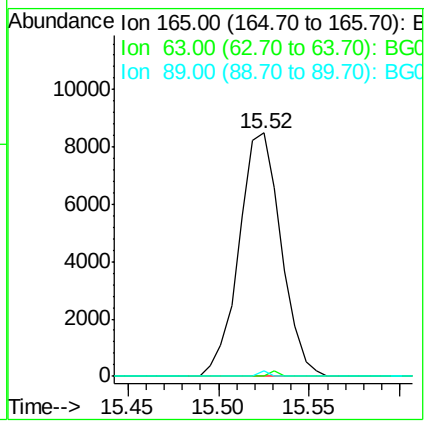


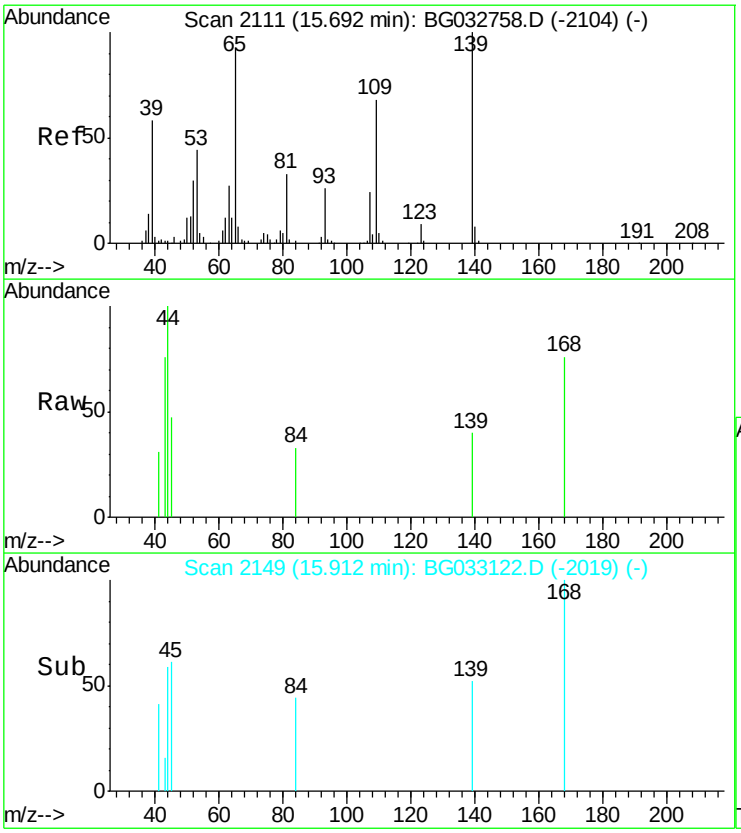
#50
2,6-Dinitrotoluene
Concen: 16.437 ng
RT: 15.52 min Scan# 2083
Delta R.T. 0.44 min
Lab File: BG033122.D
Acq: 13 Mar 2018 17:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13716

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.2	49.2	73.8#

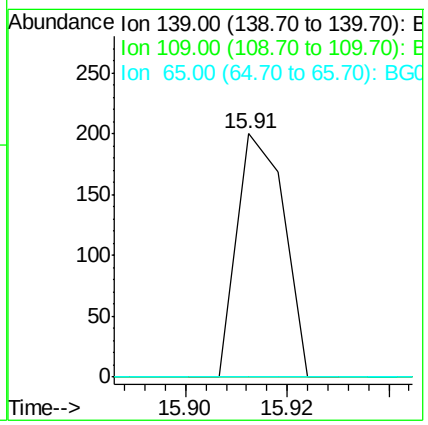


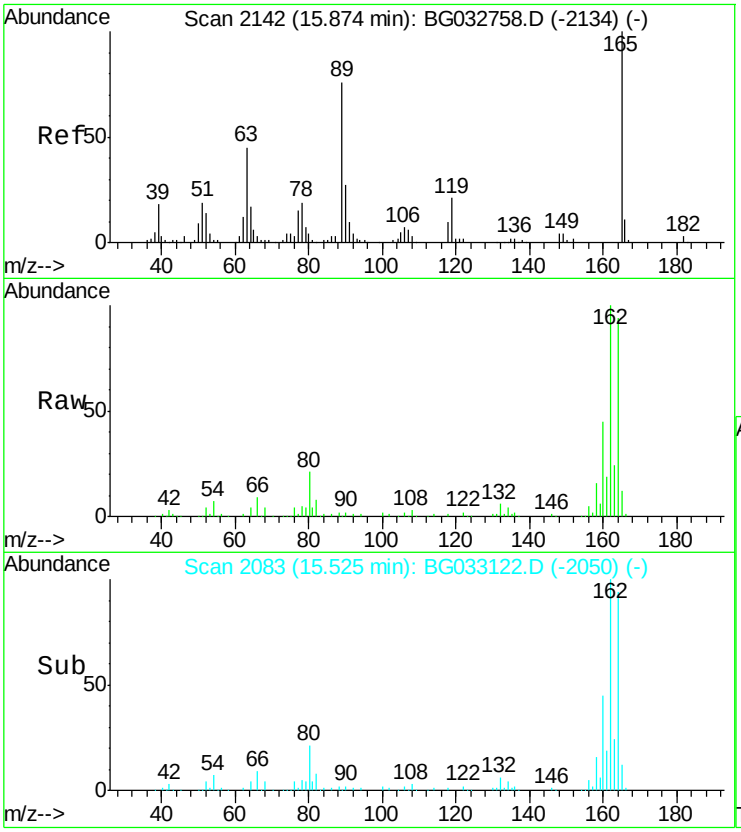


#55
4-Nitrophenol
Concen: 7.161 ng
RT: 15.91 min Scan# 2149
Delta R.T. 0.24 min
Lab File: BG033122.D
Acq: 13 Mar 2018 17:04

Tgt Ion:139 Resp: 130

Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#



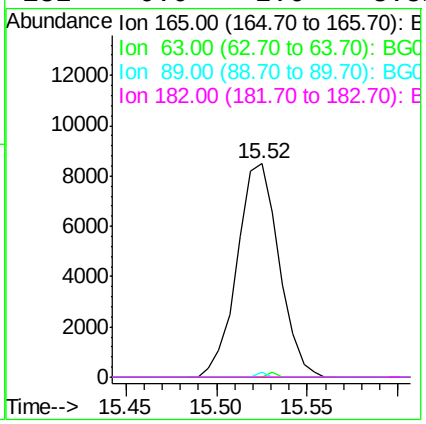


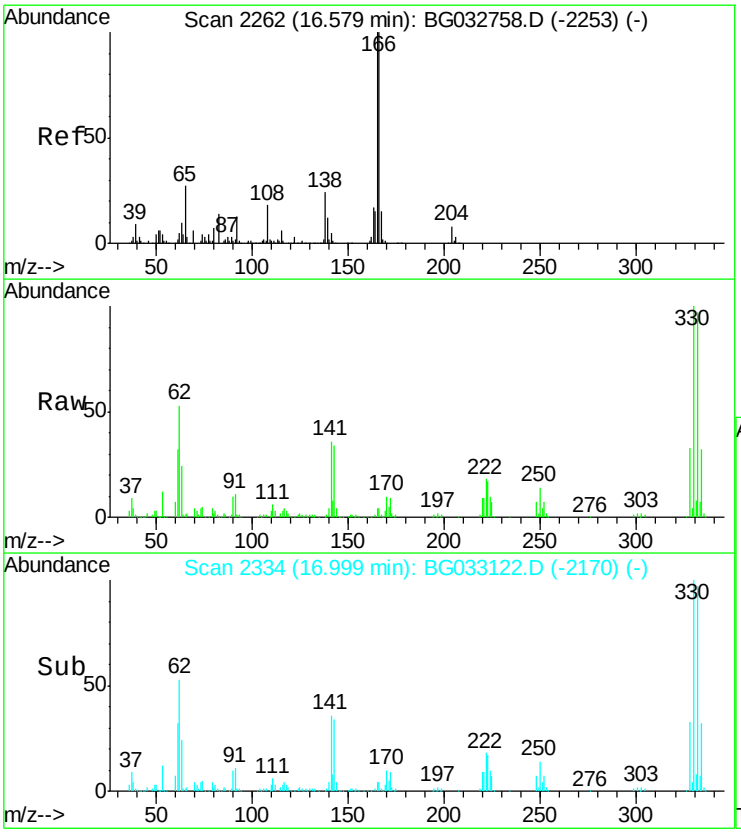
#56
2,4-Dinitrotoluene
Concen: 14.636 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.33 min
Lab File: BG033122.D
Acq: 13 Mar 2018 17:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13716

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.2	66.9	100.3#
182	0.0	2.6	3.8#

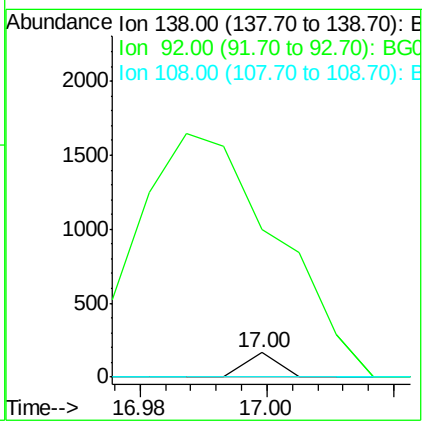


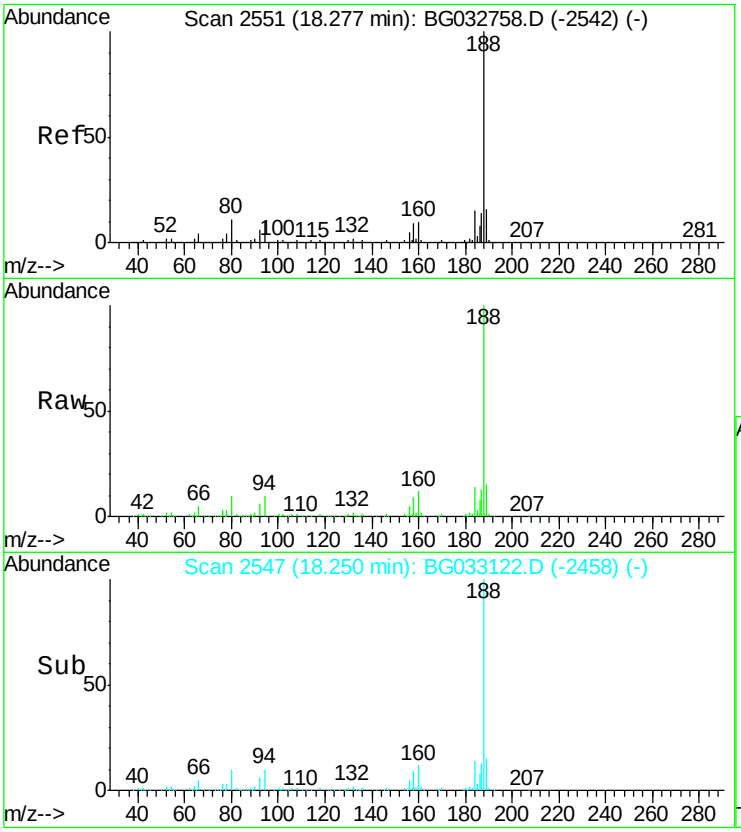


#61
4-Nitroaniline
Concen: 5.327 ng
RT: 17.00 min Scan# 2334
Delta R.T. 0.44 min
Lab File: BG033122.D
Acq: 13 Mar 2018 17:04

Tgt Ion:138 Resp: 59

Ion	Ratio	Lower	Upper
138	100		
92	595.8	40.1	80.1#
108	0.0	65.4	105.4#



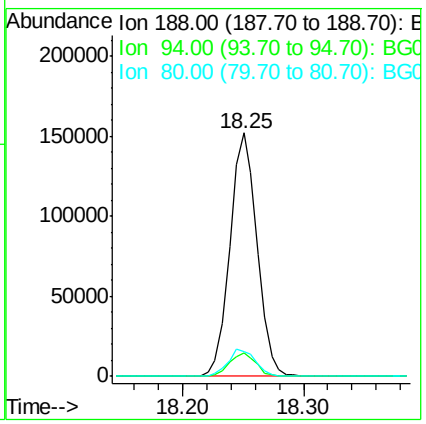


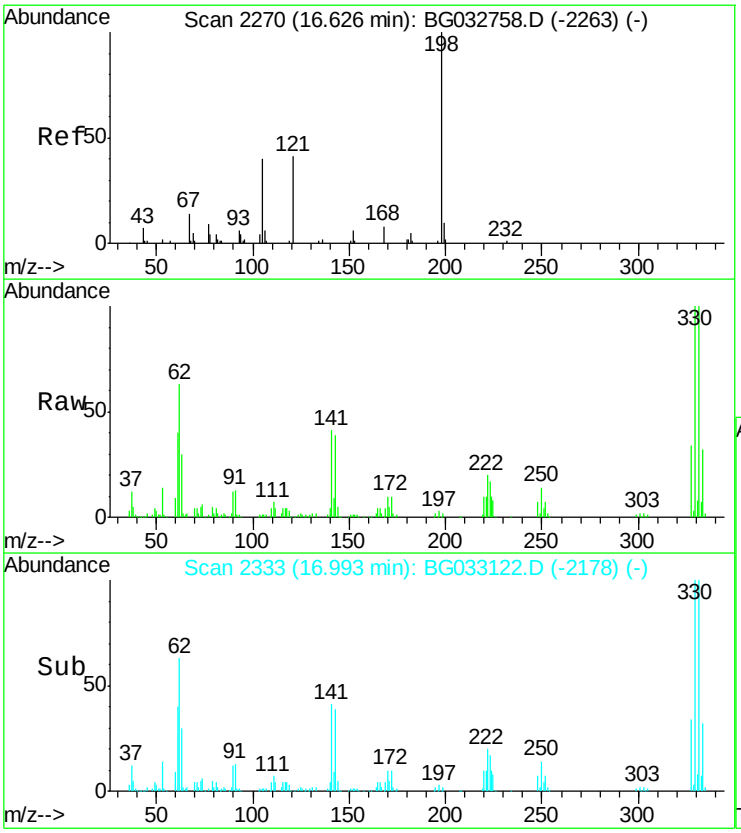
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BG033122.D
Acq: 13 Mar 2018 17:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 236830

Ion	Ratio	Lower	Upper
188	100		
94	9.5	6.9	10.3
80	10.1	7.7	11.5

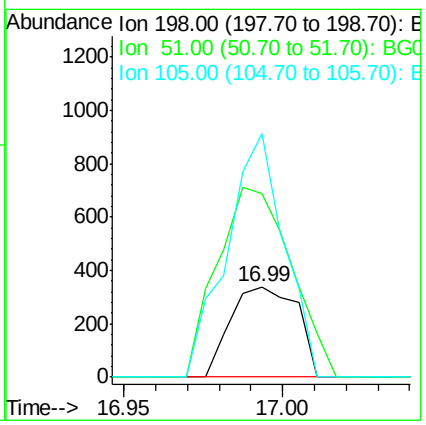


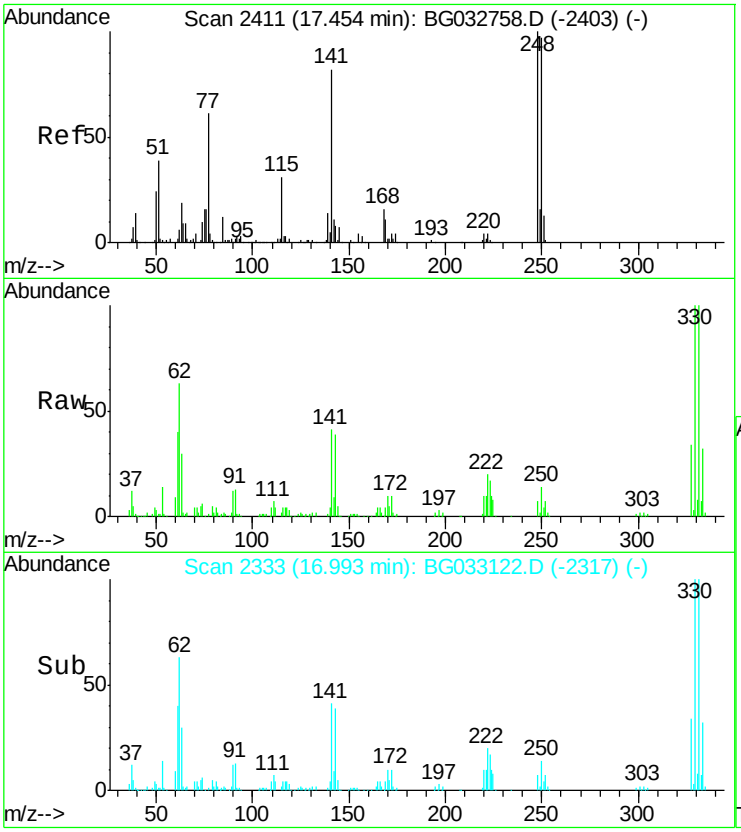


#64
4,6-Dinitro-2-methylphenol
Concen: 5.827 ng
RT: 16.99 min Scan# 2333
Delta R.T. 0.38 min
Lab File: BG033122.D
Acq: 13 Mar 2018 17:04

Tgt Ion:198 Resp: 490

Ion	Ratio	Lower	Upper
198	100		
51	204.1	30.6	70.6#
105	270.1	23.8	63.8#



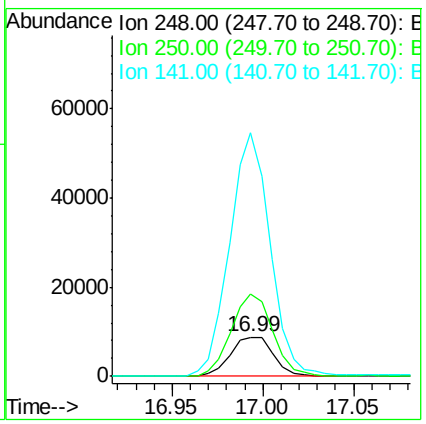


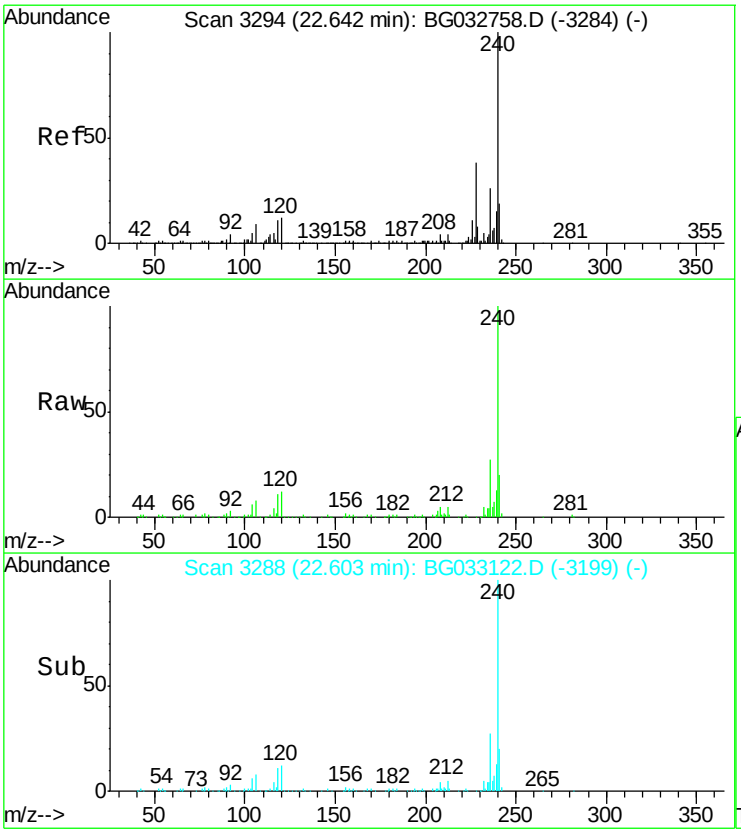
#66
4-Bromophenyl-phenylether
Concen: 5.809 ng
RT: 16.99 min Scan# 2333
Delta R.T. -0.43 min
Lab File: BG033122.D
Acq: 13 Mar 2018 17:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 14547

Ion	Ratio	Lower	Upper
248	100		
250	208.0	77.1	115.7#
141	618.9	50.8	76.2#

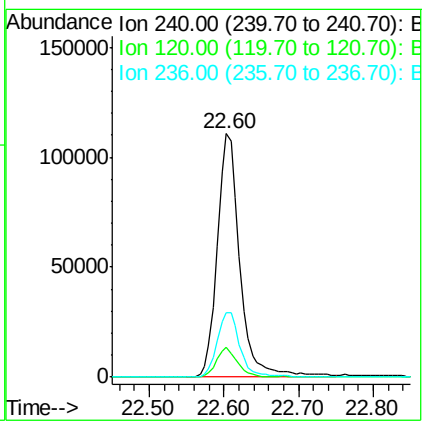


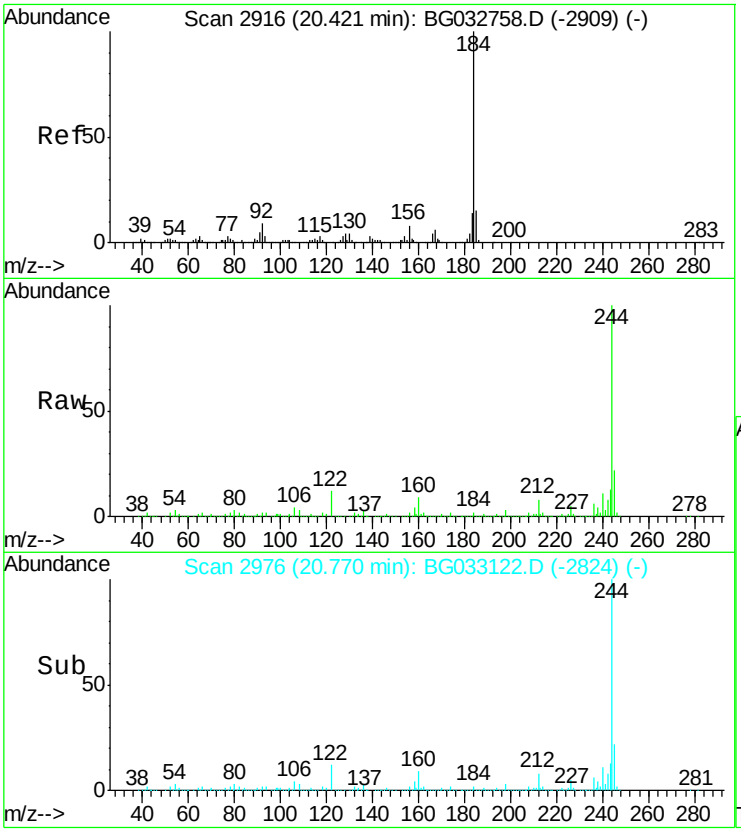


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3288
Delta R.T. -0.01 min
Lab File: BG033122.D
Acq: 13 Mar 2018 17:04

Tgt Ion:240 Resp: 233859

Ion	Ratio	Lower	Upper
240	100		
120	12.1	6.8	10.2#
236	26.6	20.9	31.3



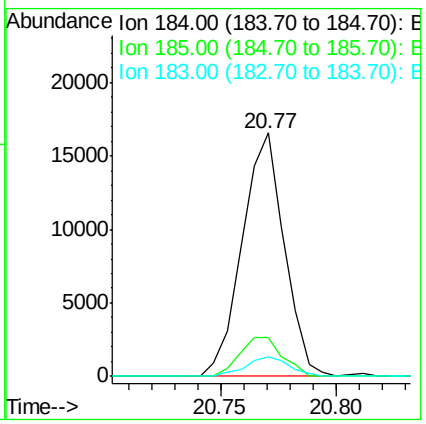


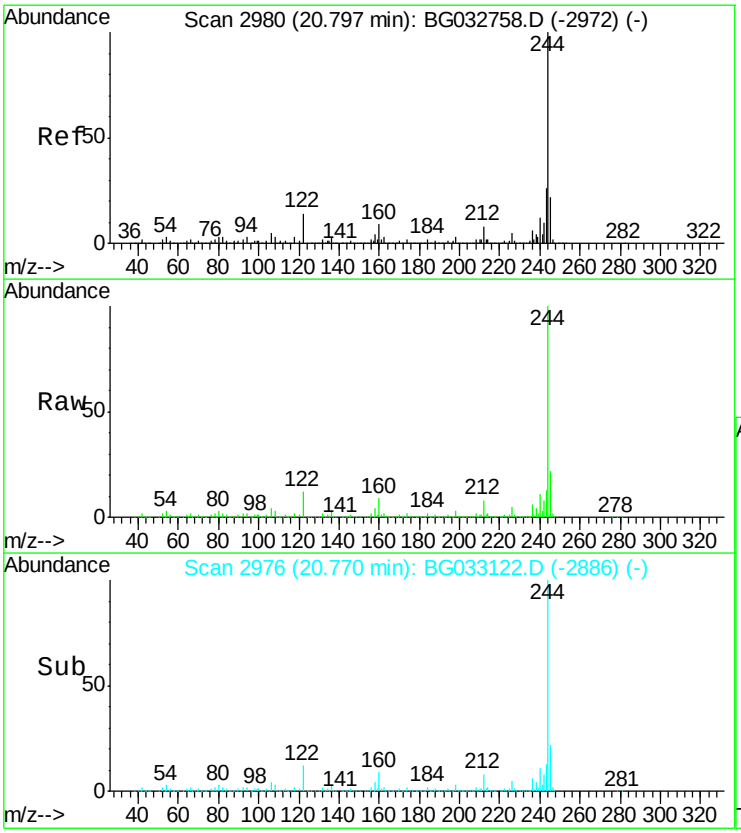
#76
Benzidine
Concen: 2.640 ng
RT: 20.77 min Scan# 2976
Delta R.T. 0.37 min
Lab File: BG033122.D
Acq: 13 Mar 2018 17:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 21042

Ion	Ratio	Lower	Upper
184	100		
185	15.9	11.1	16.7
183	7.8	10.6	16.0#

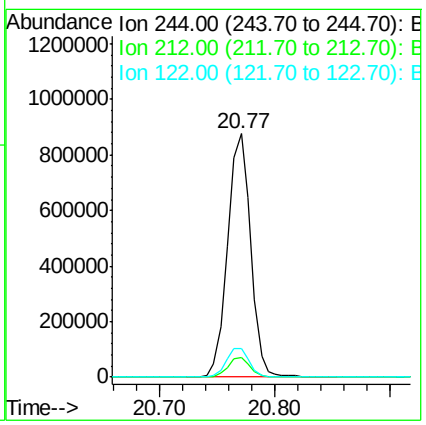


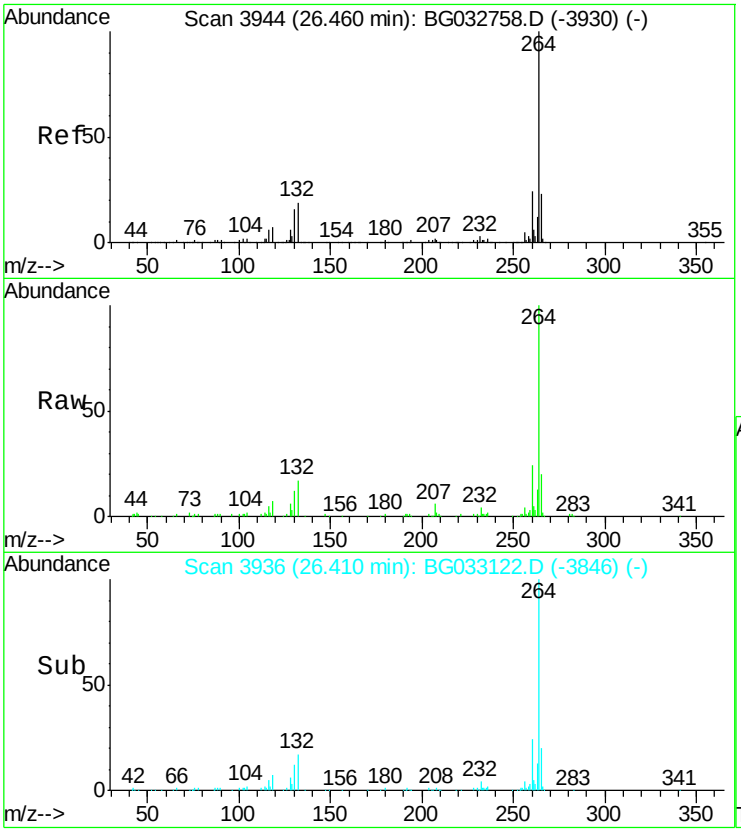


#78
Terphenyl-d14
Concen: 116.302 ng
RT: 20.77 min Scan# 2976
Delta R.T. 0.00 min
Lab File: BG033122.D
Acq: 13 Mar 2018 17:04

Tgt Ion:244 Resp: 1210575

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	12.0	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.41 min Scan# 3936
Delta R.T. 0.00 min
Lab File: BG033122.D
Acq: 13 Mar 2018 17:04

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 211905

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	20.1	17.7	26.5